



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

B/#13  
01/08/02  
AS

In re Application of:

Yoshiki NAKAGAWA et al.

Serial No.: 09/446,521

Art Unit: 1711

Filed: March 3, 2000

Examiner: Mullis, J.

For: BLOCK COPOLYMER

Atty Docket: 21581/0180

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**RESPONSE AND AMENDMENT UNDER 37 CFR § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 4, 2001, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 1-32 without prejudice to their reentry at some later date.

Please add the following new claims.

33. (New) A process for producing a block copolymer which comprises adding an alkenyl-containing polymer (I) to a living radical polymerization system or a living cationic polymerization system.

34. (New) The polymer according to Claim 33, wherein the alkenyl group in said polymer (I) is represented by the general formula 1:



wherein  $\text{R}^1$  is a hydrogen atom or a hydrocarbon group containing 1 to 20 carbon atoms.